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Application Number	10/539,262
Filing Date	November 13, 2006
First Named Inventor	RAMAKRISHNA, Venkata Satya..
Art Unit	1626
Examiner Name	SHAMEEM, Golam M.
Attorney Docket Number	SUB 0007 US

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ ~Number ⁴ ~Kind Code ⁵ (if known)	MM-DD-YYYY			
		WO-0242292-A	05-30-2002	Scios Inc		
		WO-0034242-A	06-15-2000	Virginia Commonwealth		
		GB-2341549-A	03-22-2000	Merck Sharp & Dohme		
		CN-1345724-A	04-24-2002	JINGKANG, Shen, et al		
		WO-9118897	12-12-1991	ROBERTSON, Alan et al		
		WO-9300086	01-07-1993	KING, Francis et al		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		WO-9323396	11-25-1993	STREET, Leslie		
		WO-9406769	03-03-1994	CHO, Eui Hwan et al		
		WO-9704094	02-06-1997	JOCKERS, Ralf et al		
		WO-03066056-A1	08-14-2003	FOLEY, Andrew et al		
		EP-0303506-A2	02-15-1989	OXFORD, Alexander et al		
		EP-0313397-B1	04-26-1989	ROBERTSON, A.D. et al		

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		EP-0354777-B1	02-14-1990	COATES, Ian Harold		
		EP-0438230-B1	07-24-1991	BAKER, Raymond et al		
		EP-0457701-B1	11-21-1991	CHAUVEAU, Jacques et al		
		EP-497512-A2	05-05-1992	BAKER, Raymond et al		

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NON PATENT LITERATURE DOCUMENTS			
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		BENINCORI T et al, "Chiral atropisomeric five-membered...", Journal of Organometallic Chemistry, 1997, 445-453, 529, Elsevier Science SA, no. 1, Lausanne, CH	
		PAZOS, A. et al, "The Binding of Serotonergic Ligands...", European Journal of Pharmacology, 1985, 539-546, 106, Elsevier Science Publishers B.V., CH	
		BARRETT, Perry et al, "Melatonin Receptors and Signal...", Biological Signals and Receptors, 1999, 6-14, 8, S. Karger AG, Basel, CH	
		BOESS, Frank G., "The 5-Hydroxytryptamine6...", Molecular Pharmacology, 1998, 577-583, 54, The American Society for Pharm and Experimental Therapeutics, Basel, CH	
		BOURSON, Anne et al, "Involvement of 5-HT ₆ receptors...", British Journal of Pharmacology, 1998, 1562-1566, 125, Stockton Press, UK	
		GLENNON, Richard A., "Serotonin Receptors: Clinical Implications", Neuroscience & Biobehavioral Reviews, 1990, 35-47, 14, Pergamon Press, U.S.A.	
		GROSSMAN, C.J. et al, "Development of a Radioligand Binding Assay for...", 1993, 618-624, 109, Br. Journal Pharmacology, Macmillan Press	
		VARADI, Gyula et al, "Molecular Determinants of Ca ²⁺ Channel Function...", Trends in Pharma Sci, 1995, 43-49, 16, Elsevier Science Ltd, U.S.A.	
		HOYER, Daniel et al, "Molecular Pharmacology of 5-HT ₁ and 5-HT ₂ Recognition Sites...", European Journal of Pharmacology, 1985, 13-23, 118, Elsevier, CH	
		HOYER, Daniel et al, "Identification of Serotonin 5-HT ₃ Recognition Sites...", 1987, 303-309, 33, Am Society for Pharm and Experimental Therapeutics, USA	

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		HOYER, Daniel et al, "International Union of Pharmacology Classification...", 1994, 157-203, 46, Am Society for Pharm and Experimental Therapeutics, U.S.A.	
		BALDWIN, John E. et al, "Relative Configurationsof the Chiral 2,7- and...", 1982, 1385-1391, 47, American Chemical Society, U.S.A.	
		LEYSEN, J.E. et al, "[3H]Ketanserin (R 41 468), a Selective...", 1981, 301-314, 31, Am Society for Pharm and Experimental Therapeutics, U.S.A.	
		LUMMIS, Sarah C.R., "Characterization of 5-HT3 receptors in intact...", European Journal of Pharmacology, 1990, 223-227, 189, Elsevier Science, UK	
		MARTIN, G.R. et al, "Classification Review - Receptors for 5-Hydroxytryptamine..." Neuropharmacology, 1994, 261-273, 33, Elsevier Science, UK	
		MONSMA, Frederick J., Jr. et al, "Cloning and Expression of a Novel...", Molecular Pharmacology, 1992, 320-327, 43, Am Society for Pharm and Experimental Therapeutics, U.S.A.	
		SAXENA, Pramod R. et al, "Cardiovascular Effects of Serotonin...", Journal of Cardiovascular Pharmacology, 1990, S17-S34, 15, Raven Press, U.S.A.	
		REES, Stephen et al, "Cloning and characterisation of the human 4-HT5A...", FEBS Letters, 1994, 242-246, 355, UK	
		ROTH, Bryan L. et al, "Binding of Typical and Atypical...", J of Pharm and Exper Therapeutics, 1994, 1403-1410, Am Society for Pharm and Exper Therapeutics, U.S.A.	
		RUAT, Martial et al, "A Novel Rat Serotonin (5-HT6) Receptor...", Biochem and Biophysical Res Comms, 1993, 268-276, 193, Academic Press, Inc.	

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		SCHOEFFTER, P. et al, "How Selective is GR 43175? Interactions with...", Naunyn-Schmiedeberg's Arch Pharmacol, 1989, 135-138, 340, Springer-Verlag	
		SCHOEFFTER, P. et al, "SDZ 216-525, a Selective and Potent 5-HT1A...", European Journal of Pharmacology, 1993, 251-257, 244, Elsevier Science Publishers	
		SHEN, Y. et al, "Molecular Cloning and Expression of a 5-Hydroxytryptamine7...", Journal of Biological Chemistry, 1993, 18200-18204, 268, USA	
		SLEIGHT, A. et al, "Characterization of Ro 04-6790 and Ro 63-0563...", British Journal of Pharmacology, 1998, 556-562, 124, Stockton Press	
		SLEIGHT, A. et al, "The 5-Hydroxytryptamine6 receptor...", Expert Opinion on Therapeutic Patents, 1998, 1217-1224, 8, Ashley Publications Ltd.	
		WAEBER, C. et al, "Molecular Pharmacology of 5-HT1D Recognition Sites...", Naunyn-Schmiedeberg's Arch Pharmacol, 1988, 595-601, 337, Springer-Verlag	
		WITHYACHUMNARNKUL, B., "Retention of Radioactive Substances in the Hypothalamus...", Life Sciences, 1986, 1757-1765, 38, Pergamon Press Ltd.	
		YOSHIOKA, M. et al, "Central Distribution and Function of 5-HT6 Receptor...", Life Sciences, 1998, 1473-1477, 62, Elsevier Science Inc.	

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